

20021102.qrp v02_n728.qrl.20021102

Date: Sat, 2 Nov 2002 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2728

QRP-L Digest 2728

Topics covered in this issue include:

- 1) [139143] FT: Unbuilt PixII board
by "Tracy Markham" <tracy@bytemark.com>
- 2) [139144] Re: CQ WW TEST software
by Bob Nielsen <nielsen@oz.net>
- 3) [139145] Re: Argonaut V/516 Supply Voltage sensitivity. >=12.0Vdc
by W2AGN <w2agn@w2agn.net>
- 4) [139146] Re: [139119] Re: [GQRP] Catapoults etc [Long]
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 5) [139147] Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec
Arognaut V
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [139148] Stock DSW-40 experiment on 80 meters...
by "Bill, N4QA" <n4qa@hotmail.com>
- 7) [139149] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten
Tec Arognaut V
by "Mike Yetsko" <myetsko@insydesw.com>
- 8) [139150] FS: W9GR DSP III
by pmurphy <w6wy@citlink.net>
- 9) [139151] SMK-1 ON 20 METERS
by "Jerry Parker" <qrprradio@charter.net>
- 10) [139152] Anybody work W00?
by John Seboldt <k0jd-l@seboldt.net>
- 11) [139153] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten
Tec Arognaut V
by "Mike Yetsko" <myetsko@insydesw.com>
- 12) [139154] FS Tiny Tornado kit
by IamSF5@aol.com
- 13) [139155] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten
Tec Arognaut V
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 14) [139156] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten
Tec Arognaut V
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 15) [139157] 3XY7C 10.104 Wheehaw!
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 16) [139158] Ten-Tec Argonaut Model 509 Modifications / Maintenance
by Ji m <ku4qw@yahoo.com>

- 17) [139159] Hound with K1 needed to complete team
by Lloyd Lachow <llachow@yahoo.com>
- 18) [139160] OT: Moxon Rectangle Calculator
by ARDUJENSKI@aol.com
- 19) [139161] Re: Argonaut V/516 Supply Voltage sensitivity. >=12.0Vdc
by Bill ROWLETT <kc4atu@yahoo.com>
- 20) [139162] Twas the night before Sweep Stakes
by "Emmerson Bigguns" <n8ie@woh.rr.com>
- 21) [139163] Fw: Twas the night before Sweep Stakes
by "Jerry Ford" <benlightnd13@mchsi.com>
- 22) [139164] FOX: W0UFO PRE-LOG
by "Tom Palmer" <n1tp@swfla.rr.com>
- 23) [139165] Re: Good design reasons to specify 12 volts min. and 13.8 max on
Ten Tec Argonaut V
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [139166] Re: 3XY7C 10.104 Wheehaw!
by W2AGN <w2agn@w2agn.net>
- 25) [139167] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten
Tec
Argonaut V
by "Bill, N4QA" <n4qa@hotmail.com>
- 26) [139168] Running of the Bulls - K9IUA now a "maybe"
by Kevin Anderson <k9iua@juno.com>
- 27) [139169] Cool project for kids
by Bill Meara <n2cqr@clix.pt>
- 28) [139170] RE: [fpqrp] Twas the night before Sweep Stakes
by "Emmerson Bigguns" <n8ie@woh.rr.com>
- 29) [139171] octalooop
by George Murphy VE3ERP <ve3erp@encode.com>
- 30) [139172] FS: misc items
by "NZ8J" <nz8j@woh.rr.com>
- 31) [139173] Wanted: Traps for 80/160M Dipole
by "Alan Fryer" <N3BJ@hotmail.com>
- 32) [139174] Wanted: Sherwood Mods/Filters for Drake R-4C
by "Alan Fryer" <N3BJ@hotmail.com>
- 33) [139175] fs QRP+ and 6M/20M xverter
by Bob cutter <ki0g@yahoo.com>
- 34) [139176] Aluminum polishing tip
by IamSF5@aol.com
- 35) [139177] SS: Don't forget 10 meters
by Paul Womble <pwomble1@tampabay.rr.com>
- 36) [139178] Tales of TDA1072 1-chip RX ...
by Nick Kennedy <nkennedy@tcainternet.com>
- 37) [139179] Octalooop
by George Murphy VE3ERP <ve3erp@encode.com>
- 38) [139180] First 80-meter QSO with stock DSW-40...and DSWTUN95...
by "Bill, N4QA" <n4qa@hotmail.com>
- 39) [139181] Your favourite rig

by "Dick" <dick@g0bps.fsnet.co.uk>
40) [139182] FS : Qrp Plus
by "Hal" <kc0bdw2@hotmail.com>
41) [139183] Re: Octalooop
by Haines Brown <brownh@hartford-hwp.com>
42) [139184] Uniden CR-2021 schematics
by Alex <kr1st@amsat.org>
43) [139185] FS: Assembled KAT2
by "Andrew Madsen" <andrew@utahdesign.com>

Date: Fri, 1 Nov 2002 16:22:13 -0800
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [139143] FT: Unbuilt PixII board
Message-ID: <GNEOLGDJDOPEALHJMKLCMELBDAAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Trade for ???

YOU figure out schematic and REV ...

I got the board. Can't be worth much, maybe trade for a board for a ... ???
Tracy N4LGH

Date: Fri, 1 Nov 2002 16:30:34 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139144] Re: CQ WW TEST software
Message-ID: <20021102003034.GA3910@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Fri, Nov 01, 2002 at 08:35:06PM +0100, Juanjo Pastor wrote:

> Hello again,

>

> As I have been told, the Cabrillo format is quite simple and I
> could use US oriented software and then change the score by hand
> (thanks Ken). I am not fond of spending my euros in a full blown

> software package like CT or NA (thanks anyway, Dennis), so I am
> looking for shareware or freeware programs. I used one a couple of
> years ago, it was US oriented but worked for me. Unfortunately I
> misplaced it... Anyway anything would be useful. TIA.
>

CT, TR-Log and NA seem to be the ones most used by the serious
contesters. A new freeware contesting/logging program which looks very
nice is N1MM Logger <<http://www.cthome.net/n1mm/>>. It is a Windows
program.

As a Linux user, I have been using TLF, which is similar to TR-Log
<<http://sharon.esrac.ele.tue.nl/~pa0rct/TLF-0.2.html>>. This is still
being developed, but more contests are being added and it now supports
the ARRL Sweepstakes.

73,

Bob, N7XY

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net

Date: Fri, 01 Nov 2002 19:32:31 -0500
From: W2AGN <w2agn@w2agn.net>
To: Bill ROWLETT <kc4atu@yahoo.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [139145] Re: Argonaut V/516 Supply Voltage sensitivity. >=12.0Vdc
Message-ID: <3DC2D6CF.27712.BC5C797@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 1 Nov 2002 at 13:53, Bill ROWLETT wrote:

> I find this disappointment by some of you to be
> totally amazing. This radio was not designed to be nor
> is it sold to be a true portable rig. We seem to be
> trying to put every thing into the same basket.

We are not talking "man-pack" portable. I see nothing unreasonable to
expect a solid state, QRP rig to operate well off a 12V battery. I like
Ten-tec, but I find the attitude that they can do no wrong to be

ridiculous. This is a newly introduced rig. It has some faults. Instead of considering the faults "features" as Microsoft does with its bugs, maybe the discussion will bring about some improvement.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Fri, 1 Nov 2002 19:34:15 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: <qrp-1@lehigh.edu>
Subject: [139146] Re: [139119] Re: [GQRP] Catapults etc [Long]
Message-ID: <200211020034.gA20YFG01820@panix2.panix.com>

Another group of people who try to get lines over and into trees are the recreational tree climbing people. Check out <http://www.newtribe.com> for "arrows", crossbow bolts, throwing weights, and slingshot shotbag weights, as well as an item for mounting a fishing reel on a bow, and recommendations for a high-powered slingshot and a pistol crossbow.

I like the idea of shotbag weights, since they'll cause less damage if they get away, and are obviously less threatening if you should be approached while flinging things into the air.

73, doug

who gets high on masts, towers and trees

Date: Fri, 1 Nov 2002 18:32:56 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Mike Yetsko" <myetsko@insydesw.com>, <qrp-1@lehigh.edu>
Subject: [139147] Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec Arognaut V
Message-ID: <027501c28207\$63899c60\$4e100a0a@rohredt2000>

Mike,

I bet if you think a second, you would also know the reasons 12 volts is the lower limit, and the spec is nominal 13.8 volts DC.

13.8 VDC is the full charge nominal for the lead acid "12 volt" car battery.

Design goals for small ham rigs: Home operation off common AC to DC supplies many hams already have, (13.8 VDC out), ie Astrons and similar. Mobile operation in car with good condition car battery (13.8 full charge, and many cars today start to have electronics go out when less than 12 volts is available).

OK , that brackets 90 per cent of their market. The Field use by QRPers is probably 10 per cent other. However, it is known from those of us using battery class at Field Day, that 5 watts transceivers will typically pull down a car battery to 12. plus volts after 24 hours. Some prototype electric car batteries our club got, would go to 12.25 volts by end of Field Day powering rigs such as Scouts, Kenwood TS 120, Atlas TX110/RX110, Yaesu FT 7.

Probably covers the range of Argo drain. It has more bells and whistles, (current hungry digital electronics) than any of the above.

Field Day use is a pretty sizeable operating event, and if a rig can operate on a car battery that whole time, then that satisfies a bunch of hams, certainly more than our QRP and field radio clubs alone.

I can therefore, see the line of reasoning Ten Tec used. There were RF chips out that are targeted to 12 volts amplifier operation. The next group is the 28 volt types the military radios use, clearly out of the question for hams. Anything readily available in active components today is trending to very low voltages of the wireless phones, and similar products.

(Well below 12 volts in the RF trade magazines!)

It is probably hard to get Finals that will operate on less than 12 volts, and produce the power rating of this radio. Also, the use of two many voltages inside complicates the design, driving cost of production up. Apparently, although there were Scout owners who wailed, (even I) about the lower limit on voltage the Scout would run on with stability, (just below 12 volts at about 11.5), we were not the major market segment. Even the lowering of the Scout's 50 watt rating to a 20 watt Argo V, might suggest they are having trouble getting higher powered 12 volt finals, since Motorola semi left the RF market, and others have also gone away to a degree, compared to the hey day of discrete components.

It just may be, that we are seeing the big change in available active components for RF in the HF range affecting what US manufacturers can do.

The already high cost of labor here, means you have to save every penny on parts and design you can, and still make your goals. To their credit, by all reports, the Argo V is a very worthy replacement for the Scout and MUCH more for us to enjoy.

73, Stuart K5KVH

Date: Fri, 01 Nov 2002 19:59:42 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [139148] Stock DSW-40 experiment on 80 meters...
Message-ID: <F69VXLuSbh29cM3oryK0000025d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, gang.
Gonna try my stock DSW-40 on 80 meters this weekend.
As I reported earlier, my DSW-40 has 3 watts output all the way down to the
ambc band.
The only thing I'm a little concerned about is possible output on the second
harmonic when I have the DSW-40 tuned to, say, 3560 KHz.
So, if you guys hear me on 7120 KHz(or, elsewhere), let me know.
I'll be using a separate receiver as, without modification, the DSW-40's
receiver doesn't do well below about 6 MHz...well, DUH! :)

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

Get faster connections -- switch to MSN Internet Access!
<http://resourcecenter.msn.com/access/plans/default.asp>

Date: Sat, 2 Nov 2002 00:32:43 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Stuart Rohre" <rohre@arlut.utexas.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139149] Re: Good design reasons to specify 12 volts min. and 13.8 max on
Ten Tec Arognaut V
Message-ID: <002901c28231\$487794c0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Hey Mike, how about contributing what your own radios say is their DC spec
> if you have any Yaecomwoods (or anything else), OK? I'll be off email until
> Mon., but will look at some of the small Yaesu's on that other project then.
> I am 90 per cent sure without the manual, my 450 Kenwood only said "13.8 VDC" but will look it up tonite.
> -Stuart K5KVH

Actually, my radio list is VERY reduced. For HF I have just a K2. Then in addition I have an HTX-242 in the Jeep, and an Alinco DR-590 in my Intrepid. Both of those I know operate way down below 12v with minimal effects. And the K2. I know because the Jeep had battery problems for some time.

I have some HTs, but they really are a different case.

I'll have to get a power supply that can provide umph for the Alinco that I can 'dial back'.

Mike

Date: Fri, 01 Nov 2002 21:38:11 -0800
From: pmurphy <w6wy@citlink.net>
To: qrp-l@lehigh.edu
Subject: [139150] FS: W9GR DSP III
Message-ID: <5.0.2.1.0.20021101213321.00a91ec0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

W9GR DSP III by Quantics, Mint condx, with all original documentation \$95 shipped to lower 48.

Pete W6WY nr Redding CA

Date: Mon, 7 Oct 2002 22:24:22 -0700
From: "Jerry Parker" <qrpadio@charter.net>

To: <qrp-1@lehigh.edu>
Subject: [139151] SMK-1 ON 20 METERS
Message-ID: <002001c26e8a\$f5dc6880\$dfc5d642@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wayne, NB6M has out done himself again.

You will find his new SMK-1 on 20 Meters Article
on the NorCal site along with his VXO and 10 Meter
rig article.

Check it out:

<http://www.norcalqrp.com>

72,,,Jerry...WA6OWR...k

Date: Fri, 01 Nov 2002 23:21:25 -0600
From: John Seboldt <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [139152] Anybody work W00?
Message-ID: <5.1.0.14.0.20021101231839.00a3a7a0@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Last night, I worked W00 (that's W-zero-oh), the Mid-Missouri ARC operating
a special event Halloween station from Frankenstein, MO! (QRP, of course,
to keep it on topic)

So now I'm waiting to do some portable operating from county road CW in
northern Waukesha County here in southeast Wisconsin...

John K0JD
Milwaukee

Date: Sat, 2 Nov 2002 00:29:16 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Stuart Rohre" <rohre@arlut.utexas.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [139153] Re: Good design reasons to specify 12 volts min. and 13.8 max on
Ten Tec Arognaut V
Message-ID: <002601c28230\$ee70b4c0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, this is an area that really should be investigated and reported on.

Someone really needs to sit down and come up with a test plan and then figure out how to apply it to various radios.

I mean there's the 'gross' specs first. Like CPU dropouts.

Then there's the secondary effects, like max power out as voltage drops kind of thing. And raw sensitivity.

But then there's yet a third level of effects, like how dynamic range on receive is affected, and even how stuff like compression on transmit for SSB audio.

This could be a major project!! And someone's going to have to act as a 'manager' of it. Even just to get 'first level functionality' reported and cataloged.

And it's something that is probably very appropriate to this forum! Even for the people who don't 'backpack'.

Mike

----- Original Message -----

From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Mike Yetsko" <myetsko@insydesw.com>; "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, November 01, 2002 10:25 PM
Subject: Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec Arognaut V

> Hey Mike, how about contributing what your own radios say is their DC spec

> if you have any Yaecomwoods (or anything else), OK? I'll be off email until
> Mon., but will look at some of the small Yaesu's on that other project then.
> I am 90 per cent sure without the manual, my 450 Kenwood only said "13.8 VDC" but will look it up tonite.
> -Stuart K5KVH

Date: Sat, 2 Nov 2002 01:16:13 EST
From: IamSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [139154] FS Tiny Tornado kit
Message-ID: <f6.23a8213f.2af4c7ad@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang.
I have the latest Tiny Tornado qrp kit ver2D
Dual band with Xtals and filters.
\$50.00 Shipped.
Bob
AF2Q

Date: Fri, 1 Nov 2002 21:21:52 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Mike Yetsko" <myetsko@insydesw.com>, <qrp-1@lehigh.edu>
Subject: [139155] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec Arognaut V
Message-ID: <02cd01c2821e\$fcd8c690\$4e100a0a@rohredt2000>

No, I did not say it did not work at 12, some one else said they say the lower limit is 12. My Scout falls off completely at 11.5+v, others might differ. It is fine from 12.25 to 13.8v which is a big swing in my book. It is over 10 percent.
Let's look at other power sources for comparison. AC appliances were rated for many years at 120 to 125 volts, less than 5 percent swing.

You have to consider they have to account for production spreads on components, active devices, various batteries internal resistance, Hams propensity to hook up with marginal connectors, (TT supplies a cable with open ends on Scout, and I think the Argo V, anyone confirm?)

you may have a good car there, all I know in last 5 years are variously distressed at 12 volts. I carry a voltmeter and check battery for many a stranded friend, and many cannot start when the battery goes just under 12. It may be a protective circuit in action. The only consumer items (battery powered) that I know do not function to full specs when the batteries discharge.

We design a lot of portable equipment and the guys in that section do not expect batteries to go much below 12 volts. Granted our applications are severe marine environments, and arctic temperatures.

I am just reporting current engineering design considerations. I don't see my Kenwood spec'd for less than 13.8 volts (TS 450). Same for an Icom. (756) One of the projects in lab got some Yaesu's and I can report on their voltage spec next week.
-Stuart K5KVH

Date: Fri, 1 Nov 2002 21:25:02 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Mike Yetsko" <myetsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139156] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec Arognaut V
Message-ID: <02d401c2821f\$70314770\$4e100a0a@rohredt2000>

Hey Mike, how about contributing what your own radios say is their DC spec if you have any Yaecomwoods (or anything else), OK? I'll be off email until Mon., but will look at some of the small Yaesu's on that other project then. I am 90 per cent sure without the manual, my 450 Kenwood only said "13.8 VDC" but will look it up tonite.
-Stuart K5KVH

Date: Sat, 02 Nov 2002 23:26:56 -0600
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [139157] 3XY7C 10.104 Wheehaw!
Message-ID: <NKHDQMNMDB328DCC7DB5YP008ZX76TS.3dc4b3a0@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all:

It's been a kind of frustrating month -- 30 has steadily improved and neat stuff showing up -- all of which I missed, which was only justice in most cases, i.e., I could hardly read them, so why would they be able to read me? Nonetheless, Ey8, JY9, 4L3, YK1, 5V7, and 9L1 all went into the dustbin. BUT, after 1:45 of spotting worked stns and sliding around tonight, my luck changed with 3XY7C in Guinea! It was a familiar pattern. He was pounding in here, and then his sig began dropping, and then I worked him in about 15mins. Big pile as to be expected. It was when he started working some zeroes that my hopes rose. That's #185. If my luck had run with the others, I could be at 192 ... too much to hope for!

I heard about 3 other QRP'rs in there too. Keep your hopes up cuz this was a big pile-up spread 104.-111.5! He'll be back..

72, Ade W0RSP

Date: Fri, 1 Nov 2002 22:34:36 -0800 (PST)
From: Ji m <ku4qw@yahoo.com>
To: qrp-L <qrp-l@lehigh.edu>
Subject: [139158] Ten-Tec Argonaut Model 509 Modifications / Maintenance
Message-ID: <20021102063436.55508.qmail@web13907.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I seen this book with a 509 that is on Evil-Bay.
Anyone have a copy of this online or that they could
make me a copy of?

=====

72 es CUL Jim, KU4QW
KU4QW@yahoo.com Advanced Class Hold Out.

Do you Yahoo!?
HotJobs - Search new jobs daily now
<http://hotjobs.yahoo.com/>

Date: Fri, 1 Nov 2002 20:39:36 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>

To: QRP-1 <qrp-1@lehigh.edu>
Subject: [139159] Hound with K1 needed to complete team
Message-ID: <20021102043936.72063.qmail@web41010.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Have a K1? Know how to use it, Bowser? Like to hunt
Foxii? Ready every Thursday, slaverin' after that
pelt?

We're looking for a Hound to fill our ranks. The
few...the proud...the K1 K9s.

E-mail me if you're dawg enough...and together, we
can get a leg up on the competition.

=====

73, 72 es oo, Lloyd, K3ESE
K1 # 00379 - 20M Rock-Mite - Hunk o' Wahr
ARRL - ARS #1301 - FISTS #8774
FPqrp #476 - QRParci #11147
QRP-L #2415 - SOC #530
HGT #6'1 - Wgt #190 - BT #B-
dit dididit dit

Do you Yahoo!?
Y! Web Hosting - Let the expert host your web site
<http://webhosting.yahoo.com/>

Date: Sat, 2 Nov 2002 02:31:53 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [139160] OT: Moxon Rectangle Calculator
Message-ID: <18b.10cb70fa.2af4d969@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

LB CEBIK discusses the good performance characteristics of the MOXON
RECTANGLE antenna.
<http://www.cebik.com/moxpage.html>
I stumbled upon a file that does the calculations quickly for you for
specific frequencies. Thought I would pass along:
<http://www.qsl.net/ac6la/MoxGen.zip>

Enjoy---

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

--- -- --- -- DIT DIT

Date: Fri, 1 Nov 2002 23:31:59 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: Mike Yetsko <myetsko@insydesw.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139161] Re: Argonaut V/516 Supply Voltage sensitivity. >=12.0Vdc
Message-ID: <20021102073159.59676.qmail@web14207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well folks, I didn't say it would not work off of batteries, you just may need a bit more battery than before. My Argo 556 and FT-7 run off of a 7amp just fine, no real problems as I let it recharge at night. The 516 will work off the same battery, just not as long before recharge.

Do I bitch to Ten-Tec, no, I increase the battery capacity. The deep cycle to run the entire shack will be coming sooner than I had planed.

Back to my hole and the radio.

kc4atu

Do you Yahoo!?
HotJobs - Search new jobs daily now
<http://hotjobs.yahoo.com/>

Date: Fri, 1 Nov 2002 23:11:05 -0500
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-l" <qrp-l@lehigh.edu>, "Pigs" <fpqrp-l@mpna.com>
Subject: [139162] Twas the night before Sweep Stakes
Message-ID: <MMEDLKDLONJOAIGICDJA0EKFHDAA.n8ie@woh.rr.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Twas the night before Sweep Stakes and all through the bands,
Not a signal was Q'ing, not even VE-land.
The dipole was hung by oak trees with care,
In hopes that all 80 would hear me out there.

The rigs were all ready their LED's glowed red,
While visions of plaques and awards ran through my head.
And my Elmer in the kitchen, and I in my FISTS shirt,
Had just finished arguing who would come in first.

When out in the yard the arose such a clatter,
We sprang from the table to see what was the matter.
Away to screen door I ran like a flash,
Caught the stove corner and my leg got a gash.

The sparks of the power lines and the new fallen dipole,
Gave the luster of mid-day as we both said "Oh no".
When what to our wondering eyes should we see,
The body of a dead squirrel at the base of the tree.

With little time left we had to act quick,
I knew right then we needed our friend Nick.
More rapid that code we called and he came,
He brought over his buddies and yelled out there names.

"Now Bubba! Now Fred! get the rope and start swaying,
Come on John! stop that Ralph, put down that squirrel and stop playing!
To the top of the trees! tie them ropes well,"
Bubba broke wind, and Fred nearly fell!

As dry leaves crackle and cold winds fly,
When they meet with an obstacle, obscenities flew,
So up to the trees and the roof the cursers ran quick,
With a hand full of tools, except for Nick.

And then in a twinkling, I heard on the roof
The slipping and scraping of shingles that was loose.
As I covered my mouth, and was turning around,

Down the chimney came Nick with a thud to the ground.

He was covered in leaves from his head to his foot,
His clothes were all ripped and smeared with soot.
He landed on his back, just missed the front stoop,
But he managed to land right in my dogs poop.

His eyes glassed over, his expression not merry,
His cheeks were like roses, in his nose was stuck a berry!
His mouth was drawn up as tight as a bow,
Then he spit out two teeth right in the snow.

The stump of his cigar he had in his teeth,
Was now lodged in hair and smoked like a wreath.
He brushed it out; it fell to his round belly,
As he cussed it shook like a bowl full of jelly.

He was a sight like a plump jolly elf,
And I laughed as I saw him in spite of myself.
A twitch of his and a twist of his head,
He gave me a look I knew I would dread.

He spoke not a word and went back to work,
He got the dipole up and muttered "there you jerk".
Laying his fingers aside his sore nose,
He told me I owed him some new close.

He sprang to his pickup and gave his team a whistle,
And away they flew down the driveway like the down of a thistle.
But I heard him exclaim as his tires squealed like a pig,
"Good luck tomorrow, and I left the squirrel on your rig"!

Good luck everyone and have fun!

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.408 / Virus Database: 230 - Release Date: 10/24/2002

Date: Mon, 5 Jan 1998 02:33:10 -0600
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [139163] Fw: Twas the night before Sweep Stakes
Message-ID: <02b401bd19b4\$8ee32360\$6d74da0c@mchsi.com>

Dan: EXCELLENT

Thanks for the smile!! I needed it right now

72 and GL Jerry NOJRN

----- Original Message -----

From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 01, 2002 10:11 PM
Subject: Twas the night before Sweep Stakes

Date: Sat, 2 Nov 2002 05:59:26 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [139164] FOX: W0UFO PRE-LOG
Message-ID: <000501c2825e\$e95fc6a0\$6b2a0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Forwarded from W0UFO for QRP-L.
The spacing was better when received from Mert.
Please e-mail notice of typos.

UTC	CALL	HIS	MINE	SPC	NAME	PWR
0201	K0PC	559	559	MN	PAT	5W
0201	K8HJ	559	559	MI	JOHN	5W
02	VA6RF	559	559	AB	EARL	5W
03	WE9K	559	599	WI	GLENN	5W
04	WA9TZE	559	559	WI	JIM	5W

05	K2ZN	559	579	NY	AL		5W
05	WA8BXN	559	599	OH	MIKE	5W	
06	N5ZE	559	559	TX	LEW		5W
07	W0AV	559	559	MO	GEORGE	5W	
08	WA4CMI	559	559	VA	AL		5W
09	K3IU	559	559	RI	KEN		5W
10	N0UR	559	599	MN	JIM		5W
11	N9NE	559	599	WI	TODD	100MW	
12	WB9AFK	559	559	IL	MARK	5W	
13	K9IUA	559	559	IA	KEVIN		5W
13	K9DC	559	559	IN	DAVE		5W
15	N1FN	559	559	CO	ET		5W
15	W9XT	559	559	WI	GARY	5W	
16	W5TB	559	559	TX	DOC	5W	
17	K4ADI	559	559	SC	FRANK	5W	
18	N0DSP	559	559	CO	TOM	5W	
18	VE3FAL	559	559	ONT	FRED	5W	
19	VE6JAZ	559	559	AB	ROB	5W	
21	N4ROA	559	559	VA	DAN	3W	
22	KK5LD	559	559	TX	DAN	5W	
22	K5ZTY	559	559	TX	BILL	5W	
23	N0HRL	559	559	MN	KEN	5W	
24	N4BP	559	599	FL	BOB		5W
25	N9IJ	559	559	IL	LEN		5W
26	KR5C	559	559	TX	GEORGE	5W	
27	W9XU	559	559	WI	RON		5W
28	N3ZPQ	559	559	OH	FRANK	5W	
30	W5YR	559	559	TX	GEORGE	5W	
31	K2PQ	559	589	NJ	FRANK		5W
32	K5SR	559	559	TX	DALE		5W
33	AJ4AY	559	559	AL	JAY		5W
34	K4GT	559	559	GA	JIM		5W
36	K4BYF	559	559	FL	JACK	5W	
36	K3PH	559	559	PA	BOB		5W
37	VE4WI	559	559	MB	CRAIG	5W	
38	KC4D	559	459	VA	BILL	500W	
40	K2TER	559	559	NY	BILL	5W	
41	W5USJ	559	559	TX	CHUCK	5W	
42	AF4LQ	559	559	KY	MIKE		5W
42	WS4S	559	569	TN	CONARD	5W	
44	VE5RC	559	599	SK	BRUCE	5W	
45	KI0II	559	559	CO	RON		1W
45	AA50	559	559	LA	VERN		5W
47	N9AW	559	599	WI	JERRY	5W	
47	AG0T	559	559	ND	TODD	4W	
48	K5JHP	559	559	TX	BILL		5W
49	W0CH	559	599	MO	DAVE	5W	
50	K7TQ	559	559	ID	RANDY	5W	

51	NK9G	559	559	WI	RICK	5W
52	W8YMO	559	559	OH	HARRY	5W
53	VA3JFF	559	559	ON	JEFF	5W
54	KB9YIG	559	579	IN	TONY	500MW
54	N3AO	559	559	PA	CARTER	5W
56	K4FB	559	559	FL	PAUL	5W
58	K8CV	559	559	MI	WALT	5W
59	AE4Y	559	559	GA	KENT	5W
0301	K5DW	559	559	TX	DON	5W
0302	KV2X	559	559	NY	TOM	5W
03	N1TP	559	559	FL	TOM	5W
04	KG4LDY	559	559	VA	JIM	5W
05	K5AIC	559	559	MS	HERB	5W
06	W6ABC	559	559	PA	JACK	5W
07	WR50	559	559	TX	DAVE	5W
08	K3ESE	559	599	MD	LLOYD	5W
08	K5TR	559	559	TX	GEO	5W
09	N2WW	559	559	CO	LARRY	5W
10	VE6EX	559	559	AB	DAN	5W
11	K5FSE	559	559	GA	JACK	5W
12	W2SMK	559	599	NY	STEVE	5W
13	WD9F	559	559	IL	WOODY	5W
14	WV9N	559	559	OH	RANDY	5W
15	KC9LC	559	559	VA	RANDY	5W
16	N6LIF	559	459	TX	MARTIN	5W
17	NM5M	559	579	TX	ERIC	5W
17	N4JIU	559	559	TX	BRUCE	5W
19	WA8VNZ	559	599	MI	MARK	5W
20	KB0LUR	559	559	CO	PAUL	5W
21	N8XE	559	559	OH	JASON	5W
23	KC2CK	559	559	NY	DON	1W
24	N9WW	559	559	IL	JIM	5W
25	WB6BWZ	559	559	GA	MATT	5W
26	WU9F	559	559	WI	TERRY	5W
27	K5DI	559	559	NM	KARL	5W
29	KB7WW	559	559	OR	ART	5W
30	N3XRV	559	599	PA	CHRIS	5W
31	W2RBA	559	589	NY	JOE	5W
32	N5WL	559	559	OK	BART	5W
32	K0FRP	559	579	CO	AL	5W
33	W2AGN	559	559	NJ	JOHN	4W
33	W9HL	559	559	IL	RANDY	5W
35	KC1FB	559	559	CT	JIM	500MW
36	W0PWE	559	579	IA	JERRY	5W
37	N5IB	559	559	LA	JIM	5W
37	AC7A	559	559	AZ	TOM	5W
38	K1KID	559	559	MA	CARL	4W
39	AA7EQ	559	559	AZ	BOB	5W

40	W0RSP	559	569	SD	ADE	4W
42	AB9CA	559	559	AL	DAVE	5W
43	AK7Y	559	559	AZ	GREG	5W
44	NV4V	559	559	KY	PETE	5W
45	W5NC	559	559	TX	ZED	5W
46	N04D	559	459	SC	KEN	5W
47	K4TJD	559	559	GA	TOM	5W
49	N0TK	559	559	CO	DAN	5W
50	NK6A	559	559	CA	DON	5W
52	WA7TQ	559	559	ID	BILL	5W
52	KI0RB	559	559	CO	VINCE	5W
53	KR0U	559	559	CO	TIM	5W
55	N5YRC	559	559	LA	WAYNE	5W
56	KN5TX	559	559	TX	GEORGE	5W
57	WB8WTU	559	559	OH	DENNIS	2W
58	KJ0C	559	559	MO	JIM	5W
59	N8VAR	559	559	OH	RON	5W

0400 W0UFO FOX

0400 N3BJ FOX

Its spacing was better when received from Mert.

Please e-mail corrections.

Tom, N1TPN

Naples, FL

Date: Sat, 2 Nov 2002 05:46:58 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Stuart Rohre <rohre@arlut.utexas.edu>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [139165] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec Arognaut V

Message-ID: <Pine.LNX.4.44.0211020540350.1735-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Stuart, your talking about poor design if a radio will not work over a large voltage swing. Take for Example the Yaesu FT-817 as an example. It works fine, with a lower output power from 9 volts! In fact it will keep working to 7 volts here on mine. Then the 5 volt regulators loose regulation and it shuts down.

I run my Handi Talki on 7.6 volts all the time. It will work on 13.8

volts too.

If the Ten Tec Argonaut V drops out at 12 volts, that is a fine reason to sell it if you have one, and not buy it otherwise.

On Fri, 1 Nov 2002, Stuart Rohre wrote:

> No, I did not say it did not work at 12, some one else said they say the
> lower limit is 12. My Scout falls off completely at 11.5+v, others might
> differ. It is fine from 12.25 to 13.8v which is a big swing in my book.
> It is over 10 percent.
--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 02 Nov 2002 08:28:52 -0500
From: W2AGN <w2agn@w2agn.net>
To: Ade Weiss W0RSP <adeweiss@sd.value.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [139166] Re: 3XY7C 10.104 Wheehaw!
Message-ID: <3DC38CC4.23078.E8CAF88@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 2 Nov 2002 at 23:26, Ade Weiss W0RSP wrote:

> 3XY7C in Guinea! It was a familiar pattern. He was pounding in here, and
> then his sig began dropping, and then I worked him in about 15mins. Big
> pile as to be expected. It was when he started working some zeroes that
> my hopes rose. That's #185. If my luck had run with the others, I could
> be at 192 ... too much to hope for!
>
> I heard about 3 other QRP'rs in there too. Keep your hopes up cuz
> this was a big pile-up spread 104.-111.5! He'll be back..
>
> 72, Ade W0RSP

Yep, I was in there about 0320-0345 when he went QRT. Try again tonight.

+++++---++-++-+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net>
+++++---++-++-+ Ex-K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sat, 02 Nov 2002 08:47:58 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [139167] Re: Good design reasons to specify 12 volts min. and 13.8 max on Ten Tec
Arognaut V
Message-ID: <F80EV5hDubiu7u2Ma000008e48@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wasn't sure so I looked up the 'Power requirement' spec for my Kenwood TS-440S in its service manual.... 12.0 ~ 16.0V DC...talk about a wide DC input voltage span. Ok, ok, it's no longer representative of a 'state-of-the-art' rig (no DSP etc) and, although it's certainly not a QRP rig, it does perform well at QRP output levels.

I also have hookups in the pickup for running the TS-440S mobile. It can be powered either by the vehicle's electrical system or by the separate deep-cycle marine battery which I carry along and which gets recharged as necessary. IIRC, the TS-440S still 'works' well below 12.0 VDC but I have no scientific data to back up this statement.

The TS-440S has an onboard UPD7800G 8-bit microcomputer which is paramount in importance to the rig's operation.

My point?

Only that when I bought the TS-440S, new, in 1986, 'they' were able to design a high-tech rig that could be used mobile/portable/fixed...one that works at (and below) 12.0 VDC and that cost around \$1200 US, including PS-50 power supply.

Granted, at the 440's weight(7.3 kg with internal AT) and its 'receive, no signal input' current draw of 1.9 Amps, it's not likely to be 'packed' up the slopes...

Still, design/cost considerations notwithstanding, we QRPers sometimes expect any new rig to be the best it can be and that's alright with me.

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

Choose an Internet access plan right for you -- try MSN!
<http://resourcecenter.msn.com/access/plans/default.asp>

Date: Sat, 2 Nov 2002 13:58:35 GMT
From: Kevin Anderson <k9iua@juno.com>
To: qrp-1@lehigh.edu
Subject: [139168] Running of the Bulls - K9IUA now a "maybe"
Message-ID: <20021102.055859.530.52329@webmail1.wlv.untd.com>

My apologies in advance to SS participants:

After successfully convincing my parents to visit us last weekend, and not this one, I was dismayed when my inlaws called last Monday night to say they were coming to visit this weekend. Well, they are here and not leaving again until sometime Sunday afternoon, and I must be a "good" son-in-law.

I will still be on as a QRP Bull when I can, hopefully for several hours today starting at 3 p.m., and again later in the afternoon on Sunday, calling CQ on 10, 15, and 20m (my signal doesn't do as well on 40 or 80m for SS). But it won't be for nearly the number of hours I would have liked to be on the air, nor will my mind be as focused on Sweepstakes as I would like. I hope I can work each of you who operate.

Disappointed in Iowa...73,
Kevin, K9IUA

* * * * *
Kevin Anderson, K9IUA, Dubuque IA
k9iua (at) juno (dot) com
* * * * *

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sat, 02 Nov 2002 14:13:37 -0200
From: Bill Meara <n2cqr@clix.pt>
To: qrp-1@lehigh.edu
Subject: [139169] Cool project for kids

Message-ID: <1.5.4.32.20021102161337.00a0348c@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I came across VK2ZAY's FB web page.

<http://www.vk2zay.net/motor.html>

He has a picture of a little motor that can be built in about 10 minutes using some scrap magnet wire a magnet and a D Cell. My son and I put it together very quickly -- it is now spinning furiously away on the workbench. Lots of fun, very educational... and low power! Enjoy.

73 de Bill CU2JL N2CQR
Sao Miguel Island, Azores, Portugal
900 miles West of Lisbon 37.7N 25.67W
<http://planeta.clix.pt/n2cqr>

Date: Sat, 2 Nov 2002 10:33:41 -0500
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>, "Pigs" <fpqrp-1@mpna.com>, "philip wilcox" <pwilcox6042@wideopenwest.com>
Subject: [139170] RE: [fpqrp] Twas the night before Sweep Stakes
Message-ID: <MMEDLKDLONJOAIGICDJAIEKODHAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That is so true! My old hastily strung half size G5RV is tattered and torn but still a real good antler.

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----
From: philip wilcox [mailto:pwilcox6042@wideopenwest.com]
Sent: Saturday, November 02, 2002 7:25 AM
To: Emmerson Bigguns; QRP-1; Pigs
Subject: Re: [fpqrp] Twas the night before Sweep Stakes

Hay Em,

What good luck. Everyone knows that an antenna that goes up in the snow and

temp below freezing works the best of all.

Phil

WB8ABE FP #61 MP - 12 QRP ARCI 11082
DIREKT VOM SCHREIBTSCH DES FLIEGENDES SCHWEIN
40 1' 1" N 83 3' 58" W EN801a
Columbus, Ohio

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.408 / Virus Database: 230 - Release Date: 10/24/2002

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.408 / Virus Database: 230 - Release Date: 10/24/2002

Date: Sat, 02 Nov 2002 10:57:44 -0500
From: George Murphy VE3ERP <ve3erp@encode.com>
To: qrp-l@lehigh.edu
Subject: [139171] octalooop
Message-ID: <4.3.2.7.0.20021102105337.00aa0b90@mail.encode.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

W2AHW has come up with a novel miniature loop antenna design for the HF bands. Anyone interested please contact me directly for details.

Murph - ve3erp@encode.com

[This E-mail scanned for viruses by Orillia ProNet with Declude AntiVirus]

Date: Sat, 2 Nov 2002 11:21:44 -0500
From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [139172] FS: misc items

Message-ID: <001e01c2828b\$ef762e80\$6400a8c0@NZ8J>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Aftronics Super Scaf audio filter, exc cond, works great, with original manual, 110Vac, works great on ssb or cw \$43 shipped

Heathkit HD-1418, Hi/Lo pass, notch, peak, rtty, cw, works great, no manual, has some marks on case, front panel exc, runs off 12vdc \$32 shipped

Heathkit HD-1422 Antenna noise bridge, works good, with manual \$20 shipped

Ten Tec hand microphone, current mic with 4 pin connector exc cond (have 2 for sale) \$19 each shipped

Ten Tec Model 1202 Dual Band wattmeter, HF-2 meters, connect 2 rigs at once, 20w and 200 w scale, good condition with assembly and alignment manual (I think there was a discussion on qrp-l of adjusting this for 2w and 20w scale for QRP operation) \$39 shipped.

MFJ model 8043 IC electronic keyer. Sidetone, volume, weighting, tone, speed all work, but it keys the radio all the time, not sure what is wrong with it. \$15 shipped

Ten Tec model 1150 overvoltage protector for early model Ten Tec p/s's \$15 shipped

Please email with any questions

Thanks

Tim

Nz8J

Date: Sat, 2 Nov 2002 12:34:10 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139173] Wanted: Traps for 80/160M Dipole
Message-ID: <0E51E8mGbGxMYqcNkzC000027b3@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wonder if anyone on the list has traps for making a combination 80/160M dipole. Not sure what has been available commercially over the years. If you have a set that is surplus to your needs, please let me know.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 2 Nov 2002 12:40:09 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [139174] Wanted: Sherwood Mods/Filters for Drake R-4C
Message-ID: <0E17zadMuBB2ZAWc2WG00003059@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still looking for a Sherwood CF-600/6 CW filter and PD-4 Product Detector mod for the R-4C. If anyone on the list has these or other Sherwood mods or filters that are surplus, please let me know.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 2 Nov 2002 09:54:20 -0800 (PST)
From: Bob cutter <ki0g@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [139175] fs QRP+ and 6M/20M xverter
Message-ID: <20021102175420.52188.qmail@web40712.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

QRP+ fs, original owner. Looks good-works well. New

button battery. Includes manual, mic, Rascal PSK31 interface, PSK software, rechargeable battery and charger. \$400.00 I ship USA

Also TenTec 6M Transverter. Model 1208, works well and looks good I drove it with the QRP+. Manual included \$125.00 I ship USA

Do you Yahoo!?
HotJobs - Search new jobs daily now
<http://hotjobs.yahoo.com/>

Date: Sat, 2 Nov 2002 14:35:45 EST
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [139176] Aluminum polishing tip
Message-ID: <145.1cec697.2af58311@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I see where many micro kits are built into small tins.
Remove the finish with # 0000 steel wool.
Then go over it with brasso or something like it.
Now for that mirror finish use a cotton ball and Colgate tooth paste.
Go light because the mice mirror finish you get can also be rubbed out.
Rub the box up and down *ONLY*
As the shine gets brighter and smoother go lighter with the rubbing and use less tooth paste.
You should end up with a close to a mirror finish.
If you can't see your face in it then your not finished or rubbed to hard.
Dust spray the box with a clear poly finish and it will last for years.
Bob
AF2Q

Date: Sat, 02 Nov 2002 15:09:45 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: FP List <fpqrp-l@mpna.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [139177] SS: Don't forget 10 meters
Message-ID: <3DC43109.E48BB81D@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I just had a quick qso with N0UR on 28.060. Jim was getting ready for the November Sweepstakes.

With his antenna pointed west he was 539 here in Central Florida. He came up to 579 when he turned the antenna. 10 appears to be in good shape now so give it a shot. I'll be looking for other Q stations there.

73

Paul K4FB

Date: Sat, 2 Nov 2002 15:00:17 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@lehigh.edu>
Subject: [139178] Tales of TDA1072 1-chip RX ...
Message-ID: <01C28280.8FAD01A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Some time ago Nils, W8IJN proposed that an experiment with the TDA-1072 integrated AM receiver chip might be a fun thing. He purchased the required minimum and offered up the excess to adventurous QRP-L types, so I took a couple. About a month ago, this thing finally came to the fore over a score of other projects not started and projects not finished.

You might think that a project involving a single chip receiver just leaves the tasks of providing antenna and speaker connectors and deciding what color the case should be. Turns out there are several things left for the user to do. Among them, provide an input matching circuit with enough filtering to eliminate images, provide the VFO components for the on-board oscillator, choose the IF frequency and come up with an IF filter, install some miscellaneous AGC and audio filtering components as shown on the data sheet, and provide an audio amplifier.

I decided to try the thing out on 40 meters first, listening for some AM, and to use an IF of 4.9152 MHz, with available crystals for a filter to be added later in mind. The VFO therefore needed to tune somewhere in the 2.1 MHz range. I set it up for varicap tuning using a pot and 8 volt regulator, like so many of our little QRP rigs.

Got the antenna matching and local oscillator stuff going and decided to see what it could hear with no IF filtering installed. It heard a bunch!

There are some things you know from theory, but you don't really "feel" them until you make the hardware. I was hearing super powerful BC stations, dominated by one extremely strong one, independent of where I set the VFO. At first I thought it was the image, but I finally realized that with no IF filtering and only nominal front end filtering, this lash-up was going to hear everything between 6 and 8 MHz.

If I've ever complained about the level of discourse on the ham bands, I take it all back after hearing shortwave BC! It seems to be all high-energy religious bombast, delivered with sledgehammer subtlety. We should give up part of 40 for more of this?

Anyway, time to build an IF filter. I thought I'd try one wide enough for AM first, though I'd been warned that that's tough with crystal filters.

Indeed, when modeled, the response was pretty gnarly looking. But Jim K. had recommended resonating out the parallel C0 with chokes to fix this, so I did that. Looked ok when tested, but when I put it in the rig I went from too many signals to no sound whatsoever. This stumped me for more than several days and I thought maybe I'd blown up the chip. Finally realized that the parallel RFCs were providing a DC path across the filter, which was shorting out some critical biasing within the RX chip. First I added blocking caps and signals returned. But SW BC signals 200 kHz higher than my listening frequency still came through loud and clear. Puzzling.

Are these signals bypassing (the famous "blow-by") my filter? Overloading the front end and creating all kinds of spurs? Do I need a sharp enough preselector to deal with this? Is it possible to even build one that sharp?

Took out all of the parallel RFCs from the filter, with an eye toward going toward an narrower filter. Shifted the VFO down toward the CW portion of the band. Now the SW BC signals receded, but were replaced by the booming sound of local LW AM station KARV, on 640 kHz. Strident religious proselytizing replaced by a moronic Talk Radio call-in show. But I hear the air-blast whisper of BFO-less CW in the background. But how do you deal with this AM radio infiltration stuff? Ferrites didn't do it.

Getting everything off the AC mains didn't either. (I'm using powered PC speakers for the audio amplifier.) Nils mentioned one technique he had for dealing with a frustrating project: chopped it into pieces, burned it, shot it twice with an antique pistol, then buried it in the back yard.

That could be the solution, but first I'll try putting it in a box.

I have this Snickers Christmas candy tin with a Norman Rockwell Santa on the lid, about 10x6x2 inches. Mounted tuning, power, antenna and audio connectors in a line, carefully removing paint for good ground contact.

Installed the board using insulating stand-offs and made just one ground connection from the four connectors to the board. Clamped the lid on tight and fired it up. Silence. But I do hear some of that AM mode CW that sounds like tuneless whistling. Whoo-Hah! Took my crystal tester with a 4.9152 crystal and ran an insulated wire from it into the box for a very

"gimmick capacitor" type BFO connection. Now I hear the actual tones of some powerful high speed CW guys in QS0. They're probably warming up for the SS that starts in one hour, which is what I should be doing.

So I have at least a modicum of success to report. I need to narrow that filter to CW width and build a real BFO, and arrive at the right amount of BFO injection needed. I'm not really sure how good an AM detector with BFO can be. Can't remember that well how the old S-40 and Sky-Buddy used to sound.

I think I learned a bit about the AM mode too. Which is, if that signal reaches your detector, you're gonna hear it. Maybe that's why those old receivers emphasized front end filtering so much. With CW (SSB, for that matter), signals that are too far away to produce audible tones aren't going to be heard. Hmmmm ...

OK, that's enough for now. I'm already going to be late for the SS start. More later on this, but I promise the next one won't be so long.

72--Nick, WA5BDU

Date: Sat, 02 Nov 2002 16:17:21 -0500
From: George Murphy VE3ERP <ve3erp@encode.com>
To: qrp-l@lehigh.edu
Subject: [139179] Octalooop
Message-ID: <4.3.2.7.0.20021102160948.00aa9cb0@mail.encode.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang!

I have had a real busy day replying to requests for details on the Octalooop. I have replied to all by sending a package of files, one of which is an .EXE file. Several of the e-mails I have sent out have been refused acceptance by the recipient due to some firewall in their systems. If you have requested details from me, but not received a reply, this is the reason. I have to leave it up to you to be prepared to receive the files I send.

TNX to all for your interest!

Murph, VE3ERP

[This E-mail scanned for viruses by Orillia ProNet with Declude AntiVirus]

Date: Sat, 02 Nov 2002 17:22:55 -0500

From: "Bill, N4QA" <n4qa@hotmail.com>

To: qrp-1@lehigh.edu

Subject: [139180] First 80-meter QSO with stock DSW-40...and DSWTUN95...

Message-ID: <F14INIyzaH8u0vtqEvA00009c4f@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Went out this morning and re-tuned the antenna for 80 meter operation.
Made a few fruitless calls on 3560 KHz and then went back out and mowed the grass, hopefully for the last time this season.

Well, I'll be.

At 1612 EST today, called CQ on 3560 KHz with one of my stock DSW-40s, using DSWTUN95 to tune the DDS down there.

Was answered by Dale, WB8WOJ, in Rome, OH.

Dale gave me 569; I gave him 579. We chatted for 28 minutes.

80 is in and out right now.

I had been hollering CQ for about 2 hours when Dale came along.

Used the R/S DX-390 for a receiver for this contact.

Since I was somewhat concerned about second harmonic emission, I had both 3560 KHz and 7120 KHz programmed into adjacent DX-390 memories and constantly toggled between the two freqs, listening for any calls. 7120 had several CW signals throughout the afternoon but none were calling me...whew! Getting same swr/refl pwr readings on the DSW-40 as I got with the TS-440S/QRP while tuning the antenna out at the fencepost...a good sign that the DSW-40's output on 3560 KHz is pretty clean.

Now hear Dale QSOing with someone else...maybe 80 is getting busier.

Think I'll make a few more Q's on 80 with the DSW-40 this weekend.

Say, this makes it a little easier waiting for delivery of my DSW-II-80 :)

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

Internet access plans that fit your lifestyle -- join MSN.

<http://resourcecenter.msn.com/access/plans/default.asp>

Date: Sat, 02 Nov 2002 22:44:19 -0000
From: "Dick" <dick@g0bps.fsnet.co.uk>
To: qrp-l@lehigh.edu
Subject: [139181] Your favourite rig
Message-ID: <3DC45543.6366.252E1B9@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hi Gang,

I am upgrading my book "Introducing QRP"

I am looking for your favourite QRP rig and your best story about it.

Which one do you love best?

Which one do you hate the most.

All anecdotes gratefully received.

Please email DIRECT to me at dick@trickie.com, NOT to the list.

Regards and 73/72

Dick G0BPS
Vice President QRP-ARCI
SSB Manager G-QRP Club

Date: Sat, 2 Nov 2002 16:58:51 -0600
From: "Hal" <kc0bdw2@hotmail.com>
To: <qrp-l@lehigh.edu>
Subject: [139182] FS : Qrp Plus
Message-ID: <000001c282c3\$69602f20\$1e48d018@hal2000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I've decided to sell my qrp plus, just too many rigs so something has got to go... it works great. I'm asking \$300 plus shipping... Unfortunately I have lost the Manual as I just moved recently. I do have the power cord and MFJ mic. Please contact me off list if interested or any questions.

PS I can send pics if needed.

KC0BDW
Hal Schlotfeld Jr

Date: Sat, 2 Nov 2002 18:01:18 -0500
From: Haines Brown <brownh@hartford-hwp.com>
To: ve3erp@encode.com
Cc: qrp-l@lehigh.edu
Subject: [139183] Re: Octalooop
Message-ID: <200211022301.gA2N1In15132@hartford-hwp.com>

Murph,

I appreciate your willingness to respond to peoples requests for information on the octalooop. Such generosity helps make ham radio what it is.

But, obviously, there are better ways to have provided information to those who requested it. Many people set up their mail to automatically block any .exe files out of fear of viruses. I assume my ISP's virus blocking program did its work, which is why I received nothing.

But further, I assume your .exe file runs only under Windows, and may be a self-expanding zip file that is useless outside Windows. The sanior pars do not run Windows.

You could have used a format that most people can handle, such as .pdf. Although I'm not enthusiastic about that proprietary format, most people are set up to read it. there's also a more or less univernal and non-proprietary format, which is HTML. All you'd have to do is to zip it together with any graphics, and then mime it (done automatically by your mail utility, I suppose) for sending as an e-mail attachment. Ideally you would use XML, but that's another story ;-)

Haines KB1GRM

Date: Fri, 01 Nov 2002 10:01:41 -0500
From: Alex <kr1st@amsat.org>
To: qrp-l@lehigh.edu
Subject: [139184] Uniden CR-2021 schematics
Message-ID: <3DC29755.BD229C88@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi there,

This morning I bought a Uniden CR-2021 Communications Receiver for 2 bucks. As I suspected, it's broken and I'm working on fixing it. However, it would be a great help if I would have the schematic. Does anyone on this list perhaps have the schematic and would be willing to scan it for me?

I understand that the radio was also sold as a Radioshack DX-400. It seems to be very well designed for a portable from the early 80s. It has quite a few IF filters, xtal and ceramic. It would be neat if I could get this radio running again.

73,
--Alex KR1ST

Date: Sat, 2 Nov 2002 16:29:43 -0700
From: "Andrew Madsen" <andrew@utahdesign.com>
To: <qrp-l@lehigh.edu>, <fpqrp-l@mpna.com>, <elecraft@mailman.qth.net>
Subject: [139185] FS: Assembled KAT2
Message-ID: <000901c282c7\$bd7bb8a0\$e0f19e40@Andrew>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

I have an assembled KAT2 for sale. It was built carefully and works perfectly. I am no longer using it because I have the KPA100. Asking price is \$150. I will accept a money order or payment via Paypal.

73,
Andrew AC7CF

End of QRP-L Digest 2728
